

Country of Origin : China
 Operating Temperature : 0~40 [°C]
 Dimension : 72.5 x 34 x 45 [mm]

Efficiency level (ErP) :

Approvals / Marks :



Features:

| | | | |
|---|--|--|----------------------|
| K.21 Protection against interference. For Telecom Products / Enclosure / STB. | | PSU housing ready for use in country : | |
| Wall-mount power supply, single output. | Wide range Input (90 ~ 264) VAC / (47 ~ 63)Hz. | USA/Japan (type W2) | Australia (type W2A) |
| Overload, over voltage & short protection. | For I.T.E. use only + RoHS conform. | UK (type W3U) | Europe (type W2E) |

Specification:

| | Model | Voltage DC [V] | min. Load [A] | max. Load [A] | Line/Road regulation [%] | Hold up time [ms] | Max. Power [W] | Ripple & Noise [mV] p-p | Connector UL approval [mm] |
|--------------------------|--|---|-------------------|---------------|--------------------------|-------------------|----------------|-------------------------|----------------------------|
| ErP V. | SYS1428-xx05-W2E | 5 | 0 | 3 | ±5 | (*) | xx=05~15 | 150 | (*) |
| | SYS1428-xx06-W2E | 6 | 0 | 2.5 | ±5 | (*) | xx=06~15 | 150 | (*) |
| | SYS1428-xx12-W2E | 12 | 0 | 2 | ±5 | (*) | xx=06~24 | 180 | (*) |
| | SYS1428-1812-W2E | 12 | 0 | 1.5 | ±5 | 10 | 18 | 150 | 2.1x5.5x11 |
| | SYS1428-2412-W2E | 12 | 0 | 2 | ±5 | 10 | 24 | 150 | (*) |
| OEM Production | This model is certified for Uout=(5,6,12)V and Pout=(5~24)W by step of 1W for each Uout. | | | | | | | | |
| OUTPUT | Turn on delay | 5000 ms max @ AC low line input@output full load | | | | | | | |
| | Hold up time | 10ms min @ AC nominal input@ output full load (> half cycle) | | | | | | | |
| | Efficiency (Normal) | meets CEC, DOE, ERP, MEPS, LEVEL V @115V/60Hz, 230V/50Hz | | | | | | | |
| | Transient response (dv, tmax) | 0.4v dv Max At AC nominal input loading from 20% load to 80% load. | | | | | | | |
| | | 16ms tmax Dynamic rise time 10uS max , duty 40mS max , Dynamic load step is slew rate of 0.5A/uS | | | | | | | |
| | Power out. Limit | Peak 24W for model -2412 | | | | | | | |
| Burn in test | Full load 2 Hours | | | | | | | | |
| INPUT | Voltage | (90 ~ 264)VAC | | | | | | | |
| | Frequency | (47 ~ 63) Hz | | | | | | | |
| | Current | 1A rms @ AC low line input and DC output full load | | | | | | | |
| | Inrush Surge Current (cold) | 30/60A max @ power supply cold start, ambient temperature 25°C @ 115vac / 230vac nominal AC input. | | | | | | | |
| | Leakage current | 0.25 mA Max. | | | | | | | |
| | Power consumption | 0.3W rms max. At AC nominal input@output min load | | | | | | | |
| PROTECTION | Over Current /Short protection | The power supply will self-protect any output to ground, And auto recovery when abnormal circuit faults remove. | | | | | | | |
| | Protection against interference. | ITU TK.21 | | | | | | | |
| | Over Voltage | The power supply will not be auto recovered when faults remove >>Voltage limit<< | | | | | | | |
| | Input protection | F1:T6.3AL/250V Fuse F2:T1AL/250V Fuse PS input is protected by fuse F1 before MOV to limit current in MOV (Varistor); | | | | | | | |
| | No load protection | The power supply is provided with no load operation to prevent the power supply and system from damage. | | | | | | | |
| Protection class | II. | | | | | | | | |
| OTHERS | Dielectric Strength (Hi-pot) | Primary to Secondary: 3000VAC / 10mA / 60s | | | | | | | |
| | M.T.B.F | 50K hours full rated load operation at 25 °C., according to the MIL-HDBK-217F. | | | | | | | |
| | Cable length | 1836mm (6feet) round cable or depends on customer requirements | | | | | | | |
| | PLD (power line disturbance) | LINE POWER SURGE LINE VOLTAGE SAG – more information will be provide on request | | | | | | | |
| | Cooling method | By natural air | | | | | | | |
| | Housing matherial | PC or PPO | | | | | | | |
| Temperature coefficient: | < ±0.5% / °C | | | | | | | | |
| ENVIRONMENT | Temperature | Operating: (0 ~ 40)°C / Storage: (-20 ~ 85)°C | | | | | | | |
| | Humidity | Operating: 8% ~ 90% RH / Storage: 5% ~ 95% RH non condensing | | | | | | | |
| SAFETY | CE TUV/GS CB UL cUL FCC BSMI PSE VCCI C-TICK SAA T-licence | | | | | | | | |
| EMC | EMI | EN 55022 Class B (2006)+ A1(2007) | | | | | | | |
| | EMS | EN55024(1998)+A1(2001)+A2(2003) IEC 61000-4-2 (2008) IEC 61000-4-3 (2006) + A1(2007) + A2(2010) | | | | | | | |
| WEIGHT | 1pc | N.W.: 150g / pc G.W.: 185g / pc | | | | | | | |
| PACKING | Box | 465(L)*440(W)*333(H) [mm] | | | | | | | |
| | | 80 pcs / 1box | G.W.: 18.5 kg/box | | | | | | |